

SEQUENCE LISTING

<110> Yu, Xuanchuan
Turner, C. Alexander Jr.

<120> Novel Human Lipase and Polynucleotides Encoding the Same

<130> LEX-0293-USA

<150> US 60/259,830

<151> 2001-01-05

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<211> 1404

<212> DNA

<213> homo sapiens

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gagttggtag	gtttaccctg	gtctccagag	aagataaaca	ctcgtttcct	gctctacact	180
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tcatattttg	gaacagacaa	gatcaccctg	atcaacatag	ctggatggaa	aacagatggc	300
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ccaaaggaag	tcaggctaga	cccctcggat	gccaaacttg	ttgacgttat	tcatacaaat	660
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aaatttaact	tcaatgctta	caaaaaagaa	atggcttcct	tctttgactg	taacctggcc	840
cgaagttatc	aattttatgc	tgaagcatt	cttaatcctg	atgcatttat	tgcttatcct	900
tgtagatcct	acacatcttt	taaagcagga	aattgcttct	tttgttccaa	agaagggtgc	960
ccaacaatgg	gtcattttgc	tgatagattt	cacttcaaaa	atatgaagac	taatggatca	1020
cattattttt	taaacacagg	gtccctttcc	ccatttggcc	gttggaggca	caaattgtct	1080
gttaaaactca	gtggaagcga	agtcactcaa	ggaactgtct	ttcttcgtgt	aggcggggca	1140
attgggaaaa	ctggggagtt	tgccattgtc	agtggaaaac	ttgagccagg	catgacttac	1200
acaaaattaa	tcgatgcaga	tgtaaactgt	ggaaacatta	caagtgttca	gttcatctgg	1260
aaaaaacatt	tgtttgaaga	ttctcagaat	aagttgggag	cagaaatggg	gataaatata	1320
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<211> 467

<212> PRT

<213> homo sapiens

<400> 2

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 20 25 30
 Pro Trp Thr Arg Thr Phe Ser Thr Glu Leu Val Gly Leu Pro Trp Ser
 35 40 45
 Pro Glu Lys Ile Asn Thr Arg Phe Leu Leu Tyr Thr Ile His Asn Pro
 50 55 60
 Asn Ala Tyr Gln Glu Ile Ser Ala Val Asn Ser Ser Thr Ile Gln Ala
 65 70 75 80
 Ser Tyr Phe Gly Thr Asp Lys Ile Thr Arg Ile Asn Ile Ala Gly Trp
 85 90 95
 Lys Thr Asp Gly Lys Trp Gln Arg Asp Met Cys Asn Val Leu Leu Gln
 100 105 110
 Leu Glu Asp Ile Asn Cys Ile Asn Leu Asp Trp Ile Asn Gly Ser Arg
 115 120 125
 Glu Tyr Ile His Ala Val Asn Asn Leu Arg Val Val Gly Ala Glu Val
 130 135 140
 Ala Tyr Phe Ile Asp Val Leu Met Lys Lys Phe Glu Tyr Ser Pro Ser
 145 150 155 160
 Lys Val His Leu Ile Gly His Ser Leu Gly Ala His Leu Ala Gly Glu
 165 170 175
 Ala Gly Ser Arg Ile Pro Gly Leu Gly Arg Ile Thr Gly Leu Asp Pro
 180 185 190
 Ala Gly Pro Phe Phe His Asn Thr Pro Lys Glu Val Arg Leu Asp Pro
 195 200 205
 Ser Asp Ala Asn Phe Val Asp Val Ile His Thr Asn Ala Ala Arg Ile
 210 215 220
 Leu Phe Glu Leu Gly Val Gly Thr Ile Asp Ala Cys Gly His Leu Asp
 225 230 235 240
 Phe Tyr Pro Asn Gly Gly Lys His Met Pro Gly Cys Glu Asp Leu Ile
 245 250 255
 Thr Pro Leu Leu Lys Phe Asn Phe Asn Ala Tyr Lys Lys Glu Met Ala
 260 265 270
 Ser Phe Phe Asp Cys Asn His Ala Arg Ser Tyr Gln Phe Tyr Ala Glu
 275 280 285
 Ser Ile Leu Asn Pro Asp Ala Phe Ile Ala Tyr Pro Cys Arg Ser Tyr
 290 295 300
 Thr Ser Phe Lys Ala Gly Asn Cys Phe Phe Cys Ser Lys Glu Gly Cys
 305 310 315 320
 Pro Thr Met Gly His Phe Ala Asp Arg Phe His Phe Lys Asn Met Lys
 325 330 335
 Thr Asn Gly Ser His Tyr Phe Leu Asn Thr Gly Ser Leu Ser Pro Phe
 340 345 350
 Ala Arg Trp Arg His Lys Leu Ser Val Lys Leu Ser Gly Ser Glu Val
 355 360 365
 Thr Gln Gly Thr Val Phe Leu Arg Val Gly Gly Ala Ile Gly Lys Thr
 370 375 380
 Gly Glu Phe Ala Ile Val Ser Gly Lys Leu Glu Pro Gly Met Thr Tyr
 385 390 395 400
 Thr Lys Leu Ile Asp Ala Asp Val Asn Val Gly Asn Ile Thr Ser Val
 405 410 415
 Gln Phe Ile Trp Lys Lys His Leu Phe Glu Asp Ser Gln Asn Lys Leu
 420 425 430
 Gly Ala Glu Met Val Ile Asn Thr Ser Gly Lys Tyr Gly Tyr Lys Ser
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 Thr Phe Cys Ser Gln Asp Ile Met Gly Pro Asn Ile Leu Gln Asn Leu
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